Status and developments of the CREAM Computing Element service

Content:
The CREAM CE implements a Grid job management service available to end users and to other higher level Grid job submission services. It allows the submission, management and monitoring of computational jobs to local resource management systems. CREAM, which is part of the gLite Grid middleware, is available in the EGEE production Grid where it is used by several user communities in different job submission scenarios.

In this paper, after a quick description of the CREAM CE architecture and functionality, we report on the status of this Grid service, focusing on the results, feedback and issues that had to be addressed. We also discuss about its integration with other job submission services, in particular the gLite Workload Management System.

The planned future activities, concerning the maintenance and evolution of the CREAM CE, are reported as well.

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